



California-Nevada Section
American Water Works Association

Memo

To: Doug Zimmerman
From: Kevin L. Malone
CC: Geoff DaForno
Date: Monday, October 15, 2007
Re: September 2007 Treatment Operator Certification Exam Analysis

The following results are from the June testing cycle which is divided into three regional areas: Northern, Central and Southern Nevada. These results are in addition to the Distribution results sent in a separate Memo. The exam results were reviewed and an analysis was completed based on the September 12, 2007 exam scores for Water Treatment Operators of Nevada. For each testing cycle, the intention of each analysis is to provide instructors with feedback on areas of deficiencies identified for the state.

Grade I – Treatment

Northern Nevada had the following topics as the most missed on the Grade I Water Treatment Operator Exam:

- ◆ Treatment Types and Processes
- ◆ Water Treatment Plant Operations
- ◆ Water Quality
- ◆ Safety
- ◆ Filtration

Central Nevada had the following topics as the most missed on the Grade I Water Treatment Operator Exam:

- ◆ Treatment Types & Processes
- ◆ Water Treatment Plant Operations
- ◆ Filtration
- ◆ Sources of Supply

- ◆ Pumps and Motors

Southern Nevada had the following topics as the most missed on the Grade I Water Treatment Operator Exam:

- ◆ Treatment Types and Processes
- ◆ Filtration
- ◆ Water Treatment Mathematics
- ◆ Safety

Grade II - Treatment

Northern Nevada had the following topics as the most missed on the Grade II Water Treatment Operator Exam:

- ◆ There were no examinees for this area for the September 12, 2007 testing cycle

Central Nevada had the following topics as the most missed on the Grade II Water Treatment Operator Exam:

- ◆ Water Quality
- ◆ Filtration
- ◆ Water Treatment Plant Operations
- ◆ Treatment Types & Process
- ◆ Water Treatment Mathematics

Southern Nevada had the following topics as the most missed on the Grade II Water Treatment Operator Exam:

- ◆ Water Quality
- ◆ Water Treatment Mathematics
- ◆ Filtration
- ◆ Sources of Supply

Grade III – Treatment

Northern Nevada had the following topics as the most missed on the Grade III Water Treatment Operator Exam:

- ◆ There were no examinees for this area for the September 12, 2007 testing cycle

Central Nevada had the following topics as the most missed on the Grade III Water Treatment Operator Exam:

- ◆ Water Quality
- ◆ Filtration

- ◆ Disinfection
- ◆ Treatment Types and Processes
- ◆ Water Treatment Plant Operations

Southern Nevada had the following topics as the most missed on the Grade III Water Treatment Operator Exam:

- ◆ There were no examinees for this area for the September 12, 2007 testing cycle

Grade IV – Treatment

Northern Nevada had the following topics as the most missed on the Grade IV Water Treatment Operator Exam:

- ◆ There were no examinees for this area for the September 12, 2007 testing cycle

Central Nevada had the following topics as the most missed on the Grade IV Water Treatment Operator Exam:

- ◆ Water Quality
- ◆ Filtration
- ◆ Treatment Types and Processes
- ◆ Utility Management

Southern Nevada had the following topics as the most missed on the Grade IV Water Treatment Operator Exam:

- ◆ There were no examinees for this area for the September 12, 2007 testing cycle

We hope this will assist in providing the necessary information to educational providers.